

1           1.     In a video receiver that is coupled to a display device, the video receiver  
2 configured to receive a stream that includes a plurality of video segments, a method of the  
3 video receiver targeting the plurality of video segments based on local information  
4 accessible to the video receiver and based on remotely issued instructions, the method  
5 comprising the following:

6                     monitoring state and user behavior characteristics associated with the video  
7 receiver;

8                     locally storing the characteristics;

9                     receiving a plurality of video segment from the stream;

10                    receiving executable instructions from the stream, the executable  
11 instructions configured to cause the video receiver to select a video segment from  
12 among the plurality of video segments based on the locally stored characteristics  
13 when the executable instructions are processed by a processor;

14                    processing the executable instructions to cause the video receiver to select  
15 the video segment; and

16                    causing the video segment to be displayed on the display device.

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18           2.     A method in accordance with Claim 1, wherein:

19                    processing the executable instructions to cause the video receiver to select  
20 the video segment comprises processing the executable instructions to cause the  
21 video receiver to select a video advertisement; and

22                    causing the video segment to be displayed on the display device comprises  
23 causing the video advertisement to be displayed on the display device.  
24

- 1           3.     A method in accordance with Claim 1, wherein:  
2                 causing the video segment to be displayed on the display device comprises  
3                 causing the video segment to be displayed on the display device in a window.  
4
- 5           4.     A method in accordance with Claim 3, further comprising:  
6                 displaying material outside of the window.  
7
- 8           5.     A method in accordance with Claim 4, wherein:  
9                 displaying material outside of the window comprises displaying television  
10                programming outside of the window.  
11
- 12          6.     A method in accordance with Claim 4, wherein:  
13                 displaying material outside of the window comprises displaying network  
14                 resources outside of the window.  
15
- 16          7.     A method in accordance with Claim 4, wherein:  
17                 displaying material outside of the window comprises displaying Web  
18                 content outside of the window.  
19
- 20          8.     A method in accordance with Claim 1, further comprising:  
21                 causing a still picture to be displayed on the display device when the video  
22                 segment is not being displayed on the display device.  
23  
24

1 9. A method in accordance with Claim 8, further comprising:

2 receiving the still picture from the stream.

3  
4 10. A method in accordance with Claim 8, wherein:

5 causing a still picture to be displayed on the display device in the window  
6 when the video segment is not being displayed on the display device comprises  
7 causing a banner advertisement to be displayed on the display device in the window  
8 when the video segment is not being displayed on the display device.

9  
10 11. A method in accordance with Claim 8, wherein the executable instructions  
11 are first executable instructions, the method further comprising:

12 receiving second executable instructions from the video stream, the second  
13 executable instructions configured to cause the video receiver to select the still  
14 picture from among a plurality of still pictures based on the locally stored  
15 characteristics when the second executable instructions are processed by a  
16 processor; and

17 processing the second executable instructions to cause the video receiver to  
18 select the still picture.

19  
20 12. A method in accordance with Claim 1, further comprising:

21 caching the plurality of video segments as they are received.  
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1 13. A method in accordance with Claim 12, further comprising:

2 releasing the cache memory associate with a particular video segment if the  
3 video receiver determines that the particular video segment is not to be displayed.  
4

5 14. A method in accordance with Claim 1, wherein causing the video segment  
6 to be displayed on the display device comprises:

7 causing the video segment to be displayed as the video segment is being  
8 received from the video segment, wherein the executable instructions contain a  
9 trigger that coordinates the start of display of the video segment with the time that  
10 the video segment is received by the video receiver.  
11

12 15. A method in accordance with Claim 1, wherein receiving a plurality of  
13 video segment from the video stream comprises:

14 receiving the plurality of video segments from a plurality of video streams;  
15 and

16 switching display between the plurality of video streams based on the  
17 executable instructions.  
18

19 16. A method in accordance with Claim 1, wherein the video stream is a  
20 unidirectional video stream.  
21

22 17. A method in accordance with Claim 1, wherein the locally stored  
23 characteristics includes channel subscription information.  
24

1 18. A method in accordance with Claim 1, wherein the locally stored  
2 characteristics include historical information about channels tuned to.

3  
4 19. A method in accordance with Claim 1, wherein the locally stored  
5 information includes historical information about pay per view purchases.

6  
7 20. A method in accordance with Claim 19, wherein the historical information  
8 about pay per view purchases includes the identification of the last pay per view purchase.

9  
10 21. A method in accordance with Claim 1, wherein the locally stored  
11 information includes historical information about advertisements displayed.

12  
13 22. A method in accordance with Claim 21, wherein the historical information  
14 about advertisements displayed comprises an identifier identifying at least some of the  
15 advertisements previously displayed.

16  
17 23. A method in accordance with Claim 22, wherein the historical information  
18 about advertisements displayed comprises a time that the corresponding advertisement was  
19 last displayed.

20  
21 24. A method in accordance with Claim 1, wherein video receiver locally stores  
22 the characteristics without revealing the characteristics outside of the video receiver.  
23

1           25.     A computer program product for use in a video receiver that is coupled to a  
2 display device, the video receiver configured to receive a video stream that includes a  
3 plurality of video segments, the computer program product for implementing a method of  
4 the video receiver targeting the plurality of video segments based on local information  
5 accessible to the video receiver and based on remotely issued instructions, the computer  
6 program product comprising a computer-readable medium having stored thereon  
7 computer-executable instructions for performing the following:

8                     monitoring state and user behavior characteristics associated with the video  
9 receiver;

10                    causing the characteristics to be locally stored;

11                    detecting the receipt of a plurality of video segment from the video stream;

12                    processing instructions received from the video stream, the instructions  
13 configured to cause the video receiver to select a video segment from among the  
14 plurality of video segments based on the locally stored characteristics when the  
15 executable instructions are processed by a processor; and

16                    causing the video segment to be displayed on the display device.

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18           26.     A computer program product in accordance with Claim 25, wherein the  
19 computer-readable medium is one or more physical storage media.

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21           27.     A computer program product in accordance with Claim 25, wherein the  
22 computer-readable medium further has stored thereon computer-executable instructions for  
23 performing the following:

